



## I. Driver Features

### 1. Command Format

This device is controlled through a combination of RS-232 and IR commands; both are necessary for full control of the device.

### 2. RS-232 Commands    IR Commands

Power On	Menu	Zoom Up	P in P
Power Off	Adj Up	Zoom Down	Magnify Up
Volume (absolute)	Adj Down	Focus Up	Magnify Down
Source: Video 1	Adj Left	Focus Down	Magnify Off
Source: RGB 1	Adjust Right	Timer	Mute
Source: RGB 2	Reset	Freeze	Blank

### 3. Other Driver Features

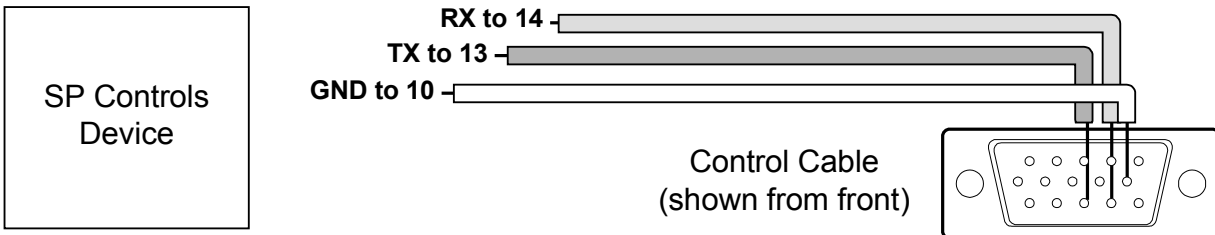
*Default Power Status Feedback:*                      RS-232 Power Polling

*Projector Restart Lockout Timer (Default):*    80 Seconds

## II. RS-232 Control Wiring

For IR wiring, see product manual for the SP Controls device.

Wire RS-232 control to a female HD15 as follows:



Connect female HD15 to projector port labeled *CONTROL*.

*Serial Adapters* (for NRC only): B, C, and D

## III. Projector Configuration

**Baud Rate:** The Hitachi projector may be configured via the onscreen menus to accept RS-232 control over a range of speeds. This driver is configured for 9600bps. Verify that the projector is set to 9600bps in the onscreen *OPT. (OPTIONS)* Menu: *COM. SPEED* setting. If not, set the projector to 9600.

**Data Word:** This driver is configured to use 8 data bits, no parity bit, and one stop bit (**8N1**). Verify that the projector is set to 8N1 in the onscreen *OPT. (OPTIONS)* Menu: *COM. BITS* setting. If not, set the projector to 8N1.